

number of a three-phase current motor indicates the number of slots per pole and phase. In is an important value and is named  $q$ ." submitted with applicant's preceding Amendment of this past January. Additionally, as can be derived from equation 4.3 on page 150 of the appended text, *Elektrische Maschinen* (Electric Machines) by Rolf Fischer, published in 1989, the relationship between poles  $p$ , holes  $q$ , slots  $N$ , & phases  $m$ , can be expressed as  $N = 2p \cdot m \cdot q$ . Thus, a four pole, three-phase stator winding with 2 holes has 24 slots as described in the first paragraph of the "Detailed Description..." on page 11. Furthermore, that the meaning of the term "hole" as used in the specification is intended to a hole  $q$  (i.e., the number of slots per pole and phase) is not only clear from the context of usage of this term, but is also explicit from the statement "two holes  $q=2$ ," on page 14, line 28.

The above language of thrice amended claim 1 is designed to insure that claim 1 is interpreted consistent with its intended meaning and as that language is used in art and so as to make it very clear that the Maeder does not disclose the present invention. That is, the Maeder patent clearly has a hole number  $q$  for the 12 slot stator illustrated in Fig. 2 that is equal to 1 ( $q = N/2p \cdot m = 12/2 \cdot 2 \cdot 3 = 1$ ) and not 2 as in applicant's first embodiment or 4 as in applicant's second embodiment.


Since Maeder does not teach the claimed reluctance motor with a stator having a hole number greater than 1, it cannot anticipate claim 1 as now presented so that the rejection under § 102 based on the Maeder patent should be withdrawn. Likewise, since Maeder does not teach the type of reluctance motor claimed, the other references relied upon by the Examiner for ancillary features cannot serve to render the present invention obvious in combination with the Maeder patent so that the rejections under § 103 should also be withdrawn.

In view of the actions taken, the present application is now believed to be in condition for allowance in the absence of any new and more pertinent prior art being discovered. However, should the Examiner find some issue to remain unresolved, or should any new issues arise, which could be eliminated through discussions with applicant's representative, then the Examiner is invited to contact the undersigned by telephone in order that the further prosecution of this application can thereby be expedited.

Lastly, it is noted that a separate Extension of Time Petition accompanies this response along with a check in payment of the requisite extension of time fee. However,

should that petition become separated from this Amendment, then this Amendment should be construed as containing such a petition. Likewise, any overage or shortage in the required payment should be applied to Deposit Account No. 19-2380 (741135-9).

Respectfully submitted,

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